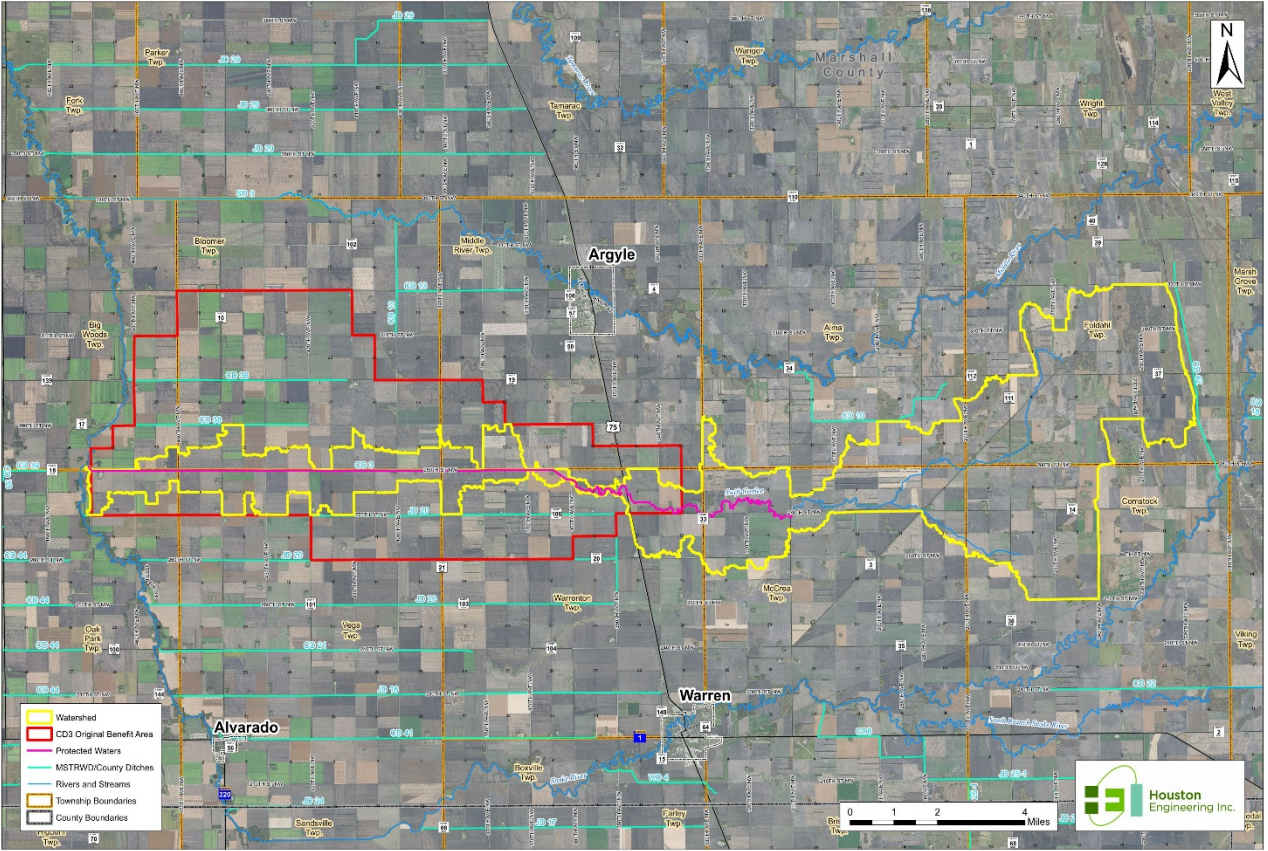


Swift Coulee/Marshall County Ditch #3 Project Work Team Meeting Middle-Snake-Tamarac Rivers Watershed District

May 5, 2017
Bremer Bank Warren, MN



Agenda

Middle Snake Tamarac Rivers Watershed District Swift Coulee/Marshall CD #3 Project Work Team Agenda

Thursday, May 4, 2017 at 9am

Bremer Bank Basement
Warren, MN

- 9:00 Begin Meeting with Introductions (Brent Silvis, MSTRWD Administrator)
- 9:10 Swift Coulee/Marshall CD #3 Project Review (Tony Nordby, P.E.)
- Re-Cap of February PWT Meeting
 - Review of April 20th Landowner Meetings
 - Concerns/Issues within Swift Coulee/MCD #3 Sub-watershed
- 9:30 Review Draft Purpose & Need Statement
- Discussion/Questions
- 10:00 Possible Project Types
- 10:15 Next Steps
- 10:20 Other Discussion/Questions
- 10:30 Wrap Up
- Action Required Before Next Meeting
 - Next Meeting....to be determined
- 10:40 Adjourn

WORK TEAM CONVERSATION GROUND RULES:

1. Everyone participates; no one dominates.
2. There is not one "right" answer.
3. Keep an open mind.
4. Listen carefully to others.
5. Help keep the discussions on track.
6. Try hard to understand the views of those with whom you disagree.
7. Ask questions if you are uncertain of the meaning of someone else's comments.
8. It is okay to have friendly disagreements – everyone has a right to his/her own views.
9. To help bring closure to a discussion, use the "I can live with it" rule.



Recap of February PWT Meeting

- **Discussions**

- *Known Concerns*

- *Drainage Issues in MCD #3 & Swift Coulee*
 - *MCD #3 Capacity and Maintenance Issues*
 - *DNR Protected Water, Sediment*
 - *Drainage Area/Benefited Area Unproportionate*

- *Potential Alternatives*

- *Purpose and Need Statement*

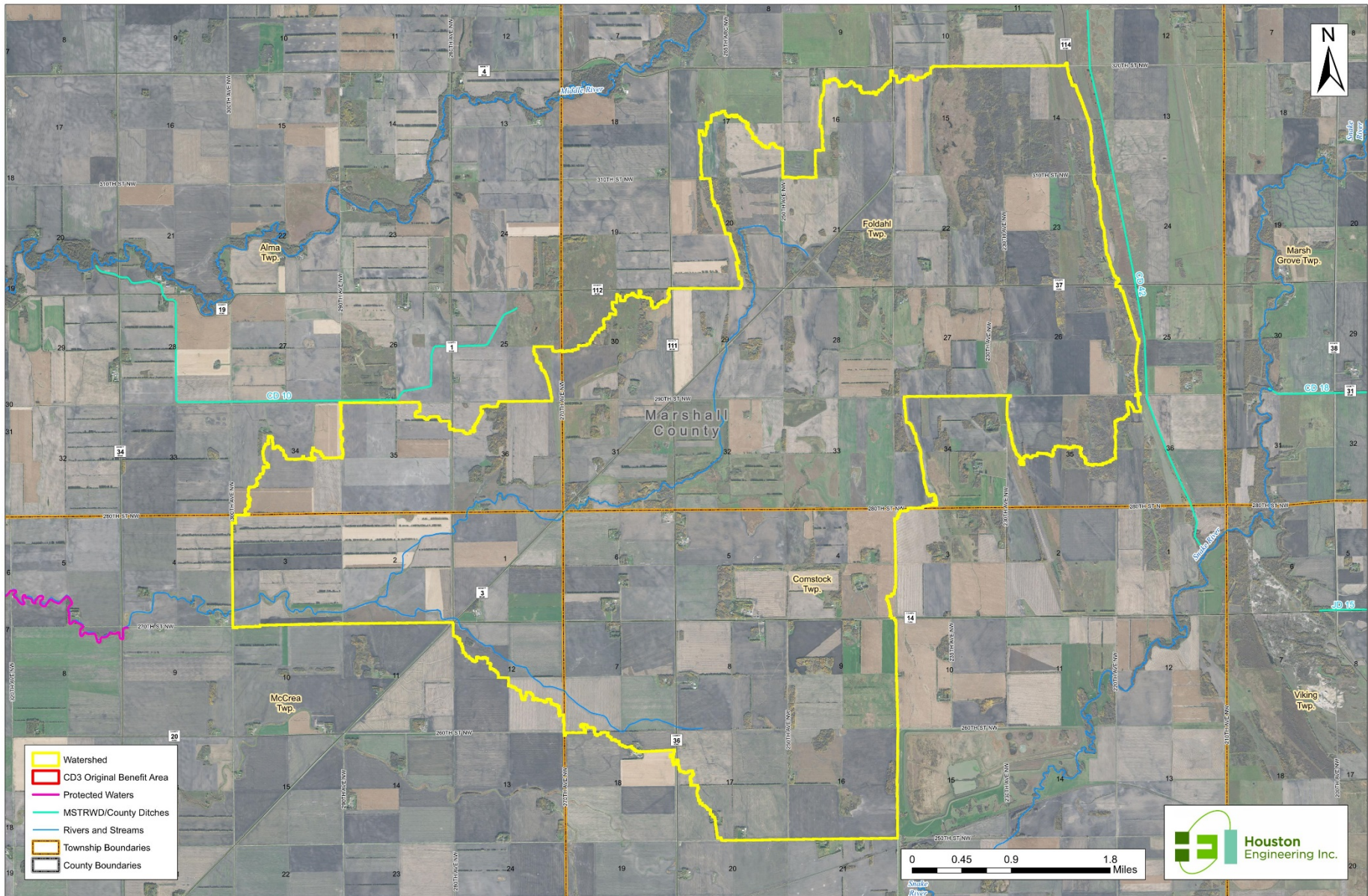
- *Funding*

- **Action Item**

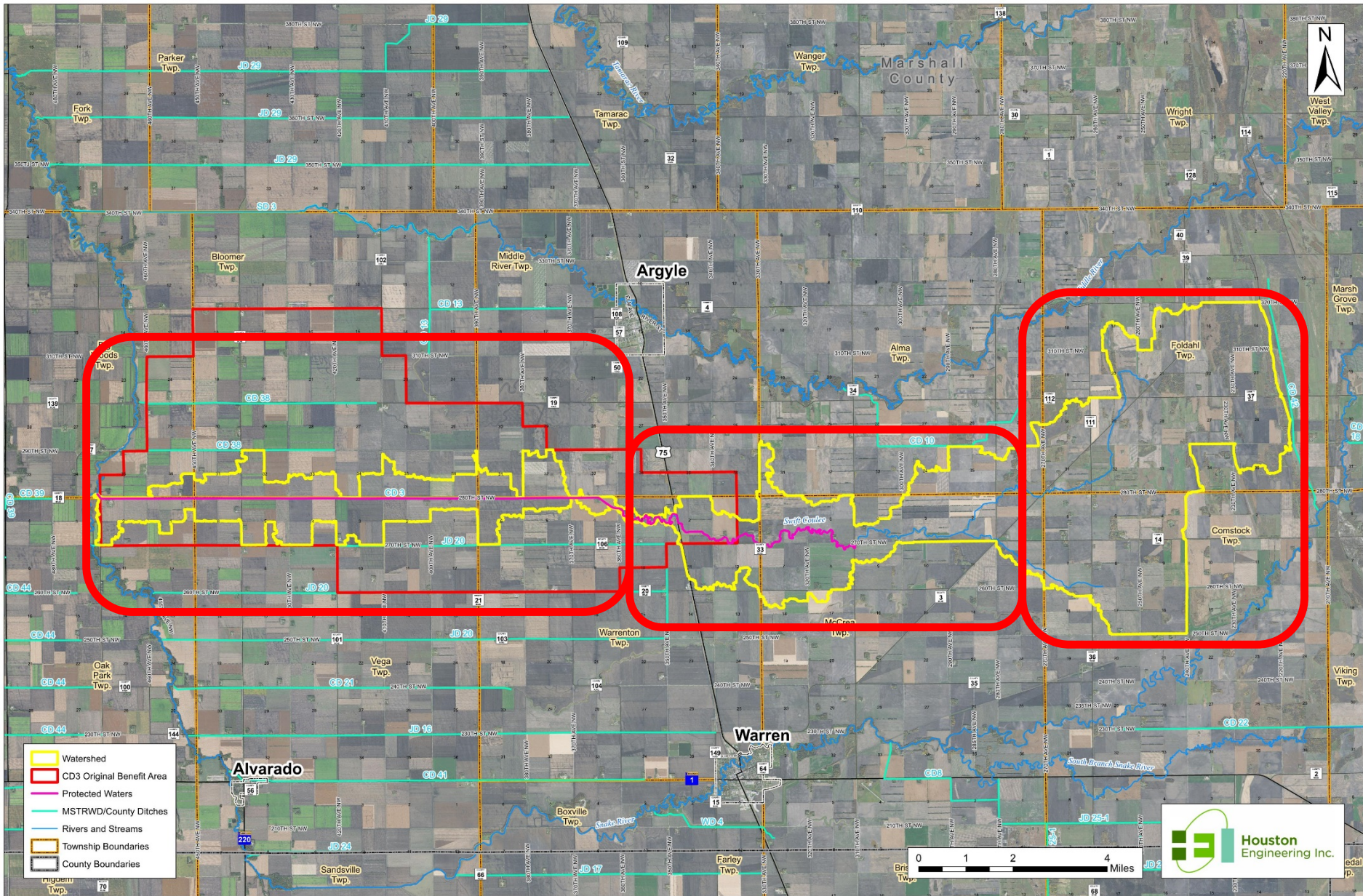
- *Have Local Landowner Meetings to Discuss Resource Concerns*



Review of April 20th Landowner Meetings



Sub-Watershed Concerns/Issues



Purpose and Need

- Need – defines why the existing condition is inadequate and needs to be changed.
- Purpose – specific goal or objective to be obtained by the project given the identified need.



Draft Purpose and Need Statement

- **Need**

Channel instability due to sediment accumulation within the Swift Coulee and insufficient design capacity of MCD #3 confine the ability to manage water through the Swift Coulee/MCD #3 sub-watershed. The need for the project is to reduce flood damages within the Swift Coulee/MCD #3 sub-watershed associated with spring snow melt and rains. Flooding in the watershed results in damages to crop land due to channel erosion, delayed planting, prevented planting, and prolonged inundation. Flooding also results in damages to some rural transportation systems and breakout flows to other drainage systems.

- **Purpose**

The primary purpose of this project is to reduce flood damages to agricultural lands, public infrastructure, and private property along the Swift Coulee and MCD #3, and not increase contributions to flooding further downstream on MCD #3, the Snake River, and Red River of the North.



Purpose and Need Discussion/Questions



Possible Project Types

- **Do Nothing (Quit PWT Process)**
- **Pursue Cleaning/Restore Coulee in Sections 3 & 2 West of Hwy. 75**
- **Improvement to CD #3/Redetermination of Benefits**
- **Channel Restoration Project (Swift Coulee)**
- **Set Back Levee Project (Swift Coulee)**
- **Retention/Impoundment Project**
 - ✓ Swift Coulee/CD#3 drainage area is identified in the MSTRWD Expanded Distributed Detention Study
- **Natural Resource Enhancement (NRE) Project**
- **Combination Project**
 - ✓ Example – Channel Restoration/Retention/NRE
- **Others?**



Next Steps



Discussion/Questions

